

## EAST Search History

S23	289	435/266.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/10 18:31
S24	15	435/266.ccls.and nitrogen oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/10 18:47
S25	2	95/196.ccls. and (scrub\$ same (biomass or bacteria or micro-organism))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/10 18:50
S26	2	95/196.ccls. and (scrub\$ and (biomass or bacteria or micro-organism))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/10 18:51
S27	1	95/196.ccls. and (scrub\$ and nitrogen oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/10 18:53
S28	1	95/196.ccls. and ( nitrogen oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/10 18:53
S29	46	95/196.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/10 19:19
S30	0	435/235.ccls. and nitrogen oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/10 19:20
S31	903	423/235.ccls. and nitrogen oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/10 19:22
S32	300	423/235.ccls. and nitrogen oxide and scrub\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/10 19:22
S33	15	423/235.ccls. and nitrogen oxide and scrub\$ and (biomass or bacteria or microbes or microorganism)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/10 19:53
S34	2	"5476591".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/10 19:53
S35	16	("5476591").URPN.	USPAT	ADJ	ON	2007/10/11 19:42

## EAST Search History

S36	0	"676404".pn.	USPAT	ADJ	ON	2007/10/11 19:48
S37	1	("20050061149").pn. and heavy metal	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 12:14
S38	1428	flue gas and heavy metals	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 12:14
S39	243	flue gas with heavy metals	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 12:15
S40	176	flue gas with heavy metals	USPAT	ADJ	ON	2007/10/12 12:15
S41	16	flue gas with heavy metals same nitrogen oxide	USPAT	ADJ	ON	2007/10/12 13:42

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	scrub\$ liquid with cations and (nitrogen oxide or sulfur oxide)	USPAT	ADJ	ON	2007/10/12 13:42
L2	3	scrub\$ with liquid with cations and (nitrogen oxide or sulfur oxide)	USPAT	ADJ	ON	2007/10/12 13:59
L3	3	scrub\$ with liquid with sulfate ion and (nitrogen oxide or sulfur oxide)	USPAT	ADJ	ON	2007/10/12 14:15
L4	3	scrub\$ with liquid with sulfate ion and (nitrogen oxide or sulfur oxide)and filter	USPAT	ADJ	ON	2007/10/12 14:33
L5	0	scrub& with liquid with dilute with water	USPAT	ADJ	ON	2007/10/12 14:34
L6	0	scrub& with liquid with dilute\$ with water	USPAT	ADJ	ON	2007/10/12 14:34
L7	0	scrub& with liquid with dilute\$ with water	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/12 14:35
L8	109	scrub\$ with liquid with dilute\$ with water	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/12 14:36
L9	19	scrub\$ with liquid with dilute\$ with water and nitrogen oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/12 15:03
L10	0	nanofilter\$ same (adding with water) same ultrafilter and nitrogen oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/12 15:06
L11	0	nanofilter\$ same (add with water) same ultrafilter and nitrogen oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/12 15:07
L12	2	nanofilter same ( water) same ultrafilter and nitrogen oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/12 15:15
L13	8	nanofilter same ( water) same ultrafilter and gas	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/12 15:16
L14	1	nanofilter same ( water) same ultrafilter and gas and scrub\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/12 15:16

## EAST Search History

S1	4	"grierson jeffrey".in.	US-PGPUB; USPAT	ADJ	ON	2007/10/10 16:05
S2	125	"grierson".in.	US-PGPUB; USPAT	ADJ	ON	2007/10/10 16:07
S3	4	"grierson jeffrey".in.	US-PGPUB; USPAT	ADJ	ON	2007/10/10 16:07
S4	3	("5622681").URPN.	USPAT	ADJ	ON	2007/10/10 16:11
S5	10	("2840450"   "3086838"   "3144301"   "4271132"   "4399111"   "5292407"   "5622681").PN. OR ("6312655").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/10 16:16
S6	13	("4126529"   4612175  "4732744"  4910002  "5167834"   "5370849"   5891408  5476591  "4921683"   "6589498"   "4808385"   4834886 4247401).pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/10 16:22
S7	2	("5891408").URPN.	USPAT	ADJ	ON	2007/10/10 16:25
S8	27	("3928146"   "4880511"   "4944882"   "4981594"   "4992179"   "5182165"   "5266203"   "5279745"   "5310486"   "5372701"   "5403490").PN. OR ("5476591"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/10 16:29
S9	55	("3721621"   "3870033"   "3953580"   "3964999"   "3985648"   "4182676"   "4235715"   "4235845"   "4321145"   "4399107"   "4425313"   "4430226"   "4532045"   "4532047"   "4548716"   "4574049"   "4698153"   "4732609"   "4755298"   "4820421"   "4824574"   "4900450"   "4917806"   "4969520"   "4976864"   "4995983"   "5028336"   "5061374"   "5064625"   "5073268"   "5082483"   "5112587"   "5174901"   "5236722"   "5246586"   "5250185"   "5266203"   "5292439"   "5338456"   "5358640"   "5385664"   "5397549"   "5414100"   "5476591"   "5529689"   "5571419"   "5573666"   "5637282"   "5670053"   "5695643"   "5714055"   "5766479"   "5770041"   "5925255").PN. OR ("6325983").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/10 16:37

## EAST Search History

S10	18	("3984522"   "3991161"   "3992508"   "4044101"   "4055623"   "4079118"   "4081509"   "4087372"   "4091074"   "4113837"   "4216087"   "4347227"   "4423158"   "4448899"   "4708854"   "4778664").PN. OR ("4910002").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/10 16:49
S11	11	("4079118").URPN.	USPAT	ADJ	ON	2007/10/10 17:54
S12	0	NO with gas same chelate same biomass	USPAT	ADJ	ON	2007/10/10 17:55
S13	1	NO with gas same chelate same biomass	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/10 17:55
S14	5	scrub\$ same chelate same biomass	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/10 18:13
S15	4	("3984522"   "5196176").PN. OR ("5891408").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/10 18:13
S16	26	("3565813").PN. OR ("3984522").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/10 18:04
S17	3	scrub\$ and chelate same biomass and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/10 18:14
S18	18	scrub\$ and chelate same (biomass or microbe or bacteria) and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/10 18:16
S19	1	scrub\$ same chelate same (biomass or microbe or bacteria) and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/10 18:16
S20	5	scrub\$ same chelate same (biomass or microbe or bacteria)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/10 18:16
S21	1	scrub\$ and chelate same (biomass or microbe or bacteria) same filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/10 18:17
S22	18	scrub\$ and chelate same (biomass or microbe or bacteria)and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/10/10 18:18